Docket Number SPV-047.01

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name

My residence, post office address and	citizensinp are as stated below it	ickt to my name.					
I believe I am the original, first and so the subject matter which is claimed an	le inventor (if only one name is d for which a patent is sought or	listed below) or an original, first an the invention entitled:	nd joint inv	entor (i	f plural	names are liste	d below) of
METHODS FO	R THE STEREOSELEC	TIVE SYNTHESIS OF SUI	BSTITUT	ED P	IPERI	DINES	
the specification of which (check one)							
☐ is attached he ⊠ was filed on <u>I</u> applicable).	reto. <u>December 4, 2001</u> as United Stat	tes Application Number <u>Number l</u>	<u>0/012,242</u> , a	and was	s amend	ed on Date	(if
I hereby state that I have reviewed and referred to above.	understand the contents of the	above identified specification, incl	uding the cl	aims, a	is amen	ded by any ame	endment
I acknowledge the duty to disclose info	ormation, which is material to pa	atentability as defined in Title 37,	Code of Fed	ieral R	egulatio	n, § 1.56.	
I hereby claim foreign priority benefit below and have also identified below a priority is claimed.	s under Title 35, United States C any foreign application for pater	Code, § 119(a)-(d) of any foreign a at or inventor's certificate having a	pplication(s filing date l	) for pa before	tent or that of t	inventor's certi he application (	ficate listed on which
Prior Foreign Application(s)						Priority	Claimed
						☐ Yes	□ No
(Number)	(Country)	(Day/Month/Year Filed)				<b>—</b> v	
(Number)	(Country)	(Day/Month/Year Filed)	<del></del>			☐ Yes	☐ No
I hereby claim the benefit under Title	35, United States Code, § 119(e)	of any United States Provisional	application(	s) liste	d below	·.	
60/251,209	December 4, 2000	_					
(Application Number)	(Filing Date)						
60/275,600 (Application Number)	March 13, 2001 (Filing Date)	-					•
Code, § 112, I acknowledge the duty t which became available between the f	iling date of the prior application	n and the national or PCT internat	ional filing o	date of	this app	lication.	
(Application Number)	(Filling Date				pawnoc	, pending, acui	
(Application Number)	(Filing Da			•	-	l, pending, aban	-
I hereby appoint Beth E. Arnold, Reg. 42,483; Daniel P. Gaudet, Reg. No. 44 Greenberg, Reg. No. 44,133; Jennifer Kavanaugh, Reg. No. P-50356; David No. 42,049; Chinh H. Pham, Reg. No. Quisel, Reg. No. 47,874; Anita Varna 50558 as attorneys/agents to prosecute	8,584; Robert W. Gauthier, Reg. K. Holmes, Reg. No. 46,778; D. I A. Lane, Reg. No. 39,261; W. I . 39,329; Jeffrey M. Sears, Reg. a, Reg. No. 43,221; Sharon Web	No. 35,153; Jason Gish, Reg. No avid Hyams, Reg. No. P-50947; S Hugo Liepmann, Reg. No. 20,407 No. 48,440; Philip C. Swain, Reg b, Reg. No. 47,172; John L. Welc	. 42,581; Da cott E. Kam ; Jim Olesen . No. 32,376 h', Reg. No.	ina Goi holz, F i, Reg. i, King 28,129	rdon, Re Reg. No. No. 46,9 sley L. 7 and Jer	eg. No. 44,719; 48,543; There 967; Kevin A. ( Faft, Reg. No. 4 unifer Zarutskie	Robert A. sa Oliver, Reg. 13,946; John
Address all telephone calls to Dana M	I. Gordon, Ph.D., J.D. at telepho	ne number (617) 832-1765.					
Address all correspondence to:	Customer Id No: 25181						
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170						
I hereby declare that all statements mand further that these statements were both, under Section 1001 of Title 18 opatent issued thereon.	Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170 ade herein of my own knowledg made with the knowledge that w	willful false statements and the lik	e so made a	re puni	shable t	y fine or impri	sonment, or
and further that these statements were both, under Section 1001 of Title 18 of patent issued thereon.  Full name of sole or first inventor (girls)	Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170 ade herein of my own knowledge made with the knowledge that of the United States Code and the	willful false statements and the lik at such willful false statements ma	e so made a y jeopardize	re puni e the va	shable b	y fine or impri	sonment, or
and further that these statements were both, under Section 1001 of Title 18 of patent issued thereon.  Full name of sole or first inventor girlnventor's signature:	Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170 ade herein of my own knowledge made with the knowledge that word the United States Code and the oven name, family name): Brian	willful false statements and the lik at such willful false statements ma	e so made a	re puni e the va	shable balidity o	y fine or impri	sonment, or
and further that these statements were both, under Section 1001 of Title 18 of patent issued thereon.  Full name of sole or first inventor (girls)	Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170 ade herein of my own knowledge made with the knowledge that word the United States Code and the oven name, family name): Brian	willful false statements and the lik at such willful false statements ma	e so made a y jeopardize Date:	re puni e the va	shable balidity o	y fine or impri	sonment, or

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: <u>U.S.</u>
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
nventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
	Date:
Inventor's signature:	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	• • • • • • • • • • • • • • • • • • • •
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address: same	Citizensiup. <u>O.S.</u>
Full name of seventh joint inventor (given name, family name):	Date
Inventor's signature:	Date:
	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
nventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	-

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20/488887.1

Docket Number SPV-047.01

My residence, post office address and	citizensinp are as stated below in		
I believe I am the original, first and s the subject matter which is claimed a			int inventor (if plural names are listed below)
METHODS FO	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUBSTI	ITUTED PIPERIDINES
the specification of which (check one	e)		
☐ is attached h ☒ was filed on applicable).		tes Application Number Number10/012	,242, and was amended on Date(if
I hereby state that I have reviewed ar referred to above.	nd understand the contents of the	above identified specification, including	g the claims, as amended by any amendment
I acknowledge the duty to disclose in	formation, which is material to pa	atentability as defined in Title 37, Code	of Federal Regulation, § 1.56.
			ation(s) for patent or inventor's certificate listed g date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
			Yes
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	_ Yes □ No
I hereby claim the benefit under Title	` •	of any United States Provisional applic	cation(s) listed below.
60/251,209	December 4, 2000		,
(Application Number)	(Filing Date)	<del>-</del>	
	( , , , , , , , , , , , , , , , , , , ,		
(Application Number)  I hereby claim the benefit under Title of the claims of this application is no	March 13, 2001 (Filing Date)  35, United States Code, § 120 of t disclosed in the prior United Sta	ites application in the manner provided	below and, insofar as the subject matter of eac by the first paragraph of Title 35, United State title 37. Code of Federal Regulations & 1.56
(Application Number)  I hereby claim the benefit under Title of the claims of this application is no Code, § 112, I acknowledge the duty	March 13, 2001 (Filing Date)  35, United States Code, § 120 of t disclosed in the prior United State to disclose information which is	ntes application in the manner provided the material to patentability as defined in Time and the national or PCT international for the material or PCT international for PCT international for the material or PCT international for PCT internati	by the first paragraph of Title 35, United State itle 37, Code of Federal Regulations, § 1.56
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature: June D. Hannot	Date: January 24, 2002
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address: 5 ame	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	Citizensinp. <u>O.s.</u>
· ·	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	<u> </u>
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Inventor's signature:	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	Citizensinp. <u>1 copie a respublic of Citina</u>
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	Citizensinp. I copie a republic of Citita
1 031 Office Addiess. Saille	the state of the s

Docket Number SPV-047.01

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believe I am the original, first and so he subject matter which is claimed an	` •	,	nd joint inventor (if plural names are listed below)
METHODS FO	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUB	BSTITUTED PIPERIDINES
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			oplication(s) for patent or inventor's certificate liste filing date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
· · · · · · · · · · · · · · · · · · ·			Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
hereby claim the benefit under Title	* **	•	application(s) listed below
50/251.209	December 4, 2000	, or any omice outer the transfer of	
(Application Number)	(Filing Date)	-	
50/275,600	March 13, 2001	_	
(4 1' '' )			
of the claims of this application is not	t disclosed in the prior United Sta	ates application in the manner provi	isted below and, insofar as the subject matter of eac ided by the first paragraph of Title 35, United State in Title 37, Code of Federal Regulations, 8 1.56
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Additional inventors are being named separately numbered sheets attached hereto.

run name of second John inventor (given name, family name). Hiomas B. Bannister	Dotor
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Chizenship: <u>0.5.</u>
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:  Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Date: JAN 25, 2002
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: <u>U.S.</u>
Post Office Address:	
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Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	·
	Date:
Inventor's signature:  Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	Citizensiup. <u>0.5.</u>
Full name of seventh joint inventor (given name, family name):	Date: Citizenship: <u>U.S.</u>
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	
1 05t Office Address, Salite	

Docket Number SPV-047.01

As a below named inventor, I hereby declare that:

· ·	d citizenship are as stated below r	text to my name.	
I believe I am the original, first and s the subject matter which is claimed a			d joint inventor (if plural names are listed below) of
METHODS FO	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUB	STITUTED PIPERIDINES
the specification of which (check one	e)		
☐ is attached h ☒ was filed on applicable).		tes Application Number <u>Number10/</u>	012,242, and was amended on Date (if
I hereby state that I have reviewed ar referred to above.	nd understand the contents of the	above identified specification, inclu	ding the claims, as amended by any amendment
I acknowledge the duty to disclose in	nformation, which is material to p	atentability as defined in Title 37, C	ode of Federal Regulation, § 1.56.
			plication(s) for patent or inventor's certificate listed iling date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
		(5. 64. 174. 53.1)	Yes
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit under Title	e 35, United States Code, § 119(e)	) of any United States Provisional ap	oplication(s) listed below.
60/251,209	December 4, 2000	_	
(Application Number)	(Filing Date)		
60/275,600 (Application Number)	March 13, 2001 (Filing Date)	-	
of the claims of this application is no	t disclosed in the prior United Sta	ates application in the manner provide	sted below and, insofar as the subject matter of each ded by the first paragraph of Title 35, United States in Title 37, Code of Federal Regulations, § 1.56
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Additional inventors are being named separately numbered sheets attached hereto.

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Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske Inventor's signature:	
Full name of fourth joint inventor (given name framily name): James R. Hauske	
Inventor's signature:	Date: FO MOV
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
P. H. CCOLLEGE CO. Communication of Continuous Michaella I. P. Hafferman	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	Data
Inventor's signature:	Date:
Residence: 20 Uriental Street, Worcester, MA 01003	Citizenship: O.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Pull and Court in the Court of the same Court of	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	Data
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship. reopie's Republic of China
Post Office Address: same	

Docket Number SPV-047.01

My residence, post office address ar				
I believe I am the original, first and the subject matter which is claimed	sole inventor (if only one name is and for which a patent is sought or	listed below) or an original, first and join the invention entitled:	int inventor (if plural names are listed b	elow) of
METHODS F	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUBSTI	TUTED PIPERIDINES	
the specification of which (check on	ne)			
☐ is attached ☑ was filed or applicable).		tes Application Number <u>Number10/012.</u>	.242, and was amended on Date	(if
I hereby state that I have reviewed a referred to above.	and understand the contents of the a	above identified specification, including	the claims, as amended by any amend	ment
I acknowledge the duty to disclose i	nformation, which is material to pa	atentability as defined in Title 37, Code	of Federal Regulation, § 1.56.	
I hereby claim foreign priority bene below and have also identified below priority is claimed.	fits under Title 35, United States C w any foreign application for paten	Code, § 119(a)-(d) of any foreign applica It or inventor's certificate having a filing	ation(s) for patent or inventor's certifica g date before that of the application on v	ate listed which
Prior Foreign Application(s)			Priority Cla	aimed
			Yes [	☐ No
(Number)	(Country)	(Day/Month/Year Filed)	m.,	<b></b>
(Number)	(Country)	(Day/Month/Year Filed)	_ ☐ Yes [	_] No
I hereby claim the benefit under Titl	e 35, United States Code, § 119(e)	of any United States Provisional applic	eation(s) listed below.	
60/251,209	December 4, 2000	_		
(Application Number)	(Filing Date)			
of the claims of this application is no Code, § 112, I acknowledge the duty	ot disclosed in the prior United State  to disclose information which is r	any United States application(s) listed lates application in the manner provided by material to patentability as defined in Ti	by the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, §	d States
(Application Number)  I hereby claim the benefit under Titl of the claims of this application is no Code, § 112, I acknowledge the duty	(Filing Date) e 35, United States Code, § 120 of ot disclosed in the prior United State to disclose information which is r	tes application in the manner provided to material to patentability as defined in Ti and the national or PCT international f	by the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, §	d States 1.56
(Application Number)  I hereby claim the benefit under Titl of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number)	(Filing Date) e 35, United States Code, § 120 of ot disclosed in the prior United State to disclose information which is refiling date of the prior application (Filing Date	tes application in the manner provided to material to patentability as defined in Tinand the national or PCT international f	by the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, § iling date of this application.  (Status: patented, pending, abandon	d States 1.56 ed)
(Application Number)  I hereby claim the benefit under Titl of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number)	(Filing Date) e 35, United States Code, § 120 of of disclosed in the prior United State to disclose information which is refiling date of the prior application (Filing Date (Filing Date)	tes application in the manner provided to material to patentability as defined in Tinand the national or PCT international for the material to patentational for the material to patentation and the material to patentation a	by the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, § Tiling date of this application.  (Status: patented, pending, abandon (Status: patented, pending, abandon decoders)	d States 1.56 ed)
(Application Number)  I hereby claim the benefit under Titl of the claims of this application is no Code, § 112, I acknowledge the duty which became available between the (Application Number)  (Application Number)  I hereby appoint Beth E. Arnold, Reg. No. 42,483; Daniel P. Gaudet, Reg. No. 42,483; Daniel P. Gaudet, Reg. No. 42,483; Daniel P. Gaudet, Reg. No. 42,049; Chinh H. Pham, Reg. No. 42,049; Chinh H. Pham, Reg. No. 42,049; Chinh H. Pham, Reg. No. 41,874; Anita Varn 50558 as attorneys/agents to prosecu	(Filing Date) e 35, United States Code, § 120 of of disclosed in the prior United State to disclose information which is refiling date of the prior application  (Filing Date)	tes application in the manner provided to material to patentability as defined in Tin and the national or PCT international for the national or PCT international for PCT intern	y the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, § filing date of this application.  (Status: patented, pending, abandom (Status: patented, pending, abandom No. 46,663; William D. DeVaul Reg. 1; Dana Gordon, Reg. No. 44,719; Rot Kamholz, Reg. No. 48,543; Theresa Olesen, Reg. No. 46,967; Kevin A. Oliv 2,376; Kingsley L. Taft, Reg. No. 43,9. No. 28,129 and Jennifer Zarutskie, Reg. No. 28,129 and Jennifer Zarutskie, Reg. No.	ed) No. bert A. er, Reg. 46: John
(Application Number)  I hereby claim the benefit under Titl of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number)  (Application Number)  I hereby appoint Beth E. Arnold, Reg. 42,483; Daniel P. Gaudet, Reg. No. 42,483; Daniel P. Gaudet, Reg. No. 42,049; Chinh H. Pham, Reg. No. 43,874; Anita Vam 50558 as attorneys/agents to prosecut Address all telephone calls to Dana Medical Control of the Control o	(Filing Date) e 35, United States Code, § 120 of of disclosed in the prior United State to disclose information which is refiling date of the prior application (Filing Date g. No. 35,430; Isabelle Clauss, Reg. 848,584; Robert W. Gauthier, Reg. 12 or K. Holmes, Reg. No. 46,778; Daid A. Lane, Reg. No. 39,261; W. Ho. 39,329; Jeffrey M. Sears, Reg. No. 43,221; Sharon Webbute this application and to transact at M. Gordon, Ph.D., J.D. at telephone	tes application in the manner provided to material to patentability as defined in Tin and the national or PCT international for the national or PCT international for PCT intern	y the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, § filing date of this application.  (Status: patented, pending, abandom (Status: patented, pending, abandom No. 46,663; William D. DeVaul Reg. 1; Dana Gordon, Reg. No. 44,719; Rot Kamholz, Reg. No. 48,543; Theresa Olesen, Reg. No. 46,967; Kevin A. Oliv 2,376; Kingsley L. Taft, Reg. No. 43,9. No. 28,129 and Jennifer Zarutskie, Reg. No. 28,129 and Jennifer Zarutskie, Reg. No.	ed) No. bert A. er, Reg. 46: John
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(Application Number)  I hereby claim the benefit under Titl of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number)  (Application Number)  (Application Number)  I hereby appoint Beth E. Arnold, Red 42,483; Daniel P. Gaudet, Reg. No. Greenberg, Reg. No. 44,133; Jennife Kavanaugh, Reg. No. P-50356; Davi No. 42,049; Chinh H. Pham, Reg. No. 42,049; Chinh H. Pham, Reg. No. 43,874; Anita Varn 50558 as attorneys/agents to prosecu Address all telephone calls to Dana I Address all correspondence to:  I hereby declare that all statements meand further that these statements were both, under Section 1001 of Title 18 patent issued thereon.  Full name of sole or first inventor (g	(Filing Date) e 35, United States Code, § 120 of of disclosed in the prior United State to disclose information which is refiling date of the prior application (Filing Date g. No. 35,430; Isabelle Clauss, Reg. 48,584; Robert W. Gauthier, Reg. 12 of K. Holmes, Reg. No. 46,778; Date d. A. Lane, Reg. No. 39,261; W. Ho. 39,329; Jeffrey M. Sears, Reg. No. 43,221; Sharon Webbate this application and to transact at this application and to transact at M. Gordon, Ph.D., J.D. at telephon Customer Id No: 25181  Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170  made herein of my own knowledge that we of the United States Code and that	tes application in the manner provided to material to patentability as defined in Tin and the national or PCT international for an another national or PCT international for an another national or PCT international for personal forms.  The second of the national or PCT international for personal for pers	y the first paragraph of Title 35, Unite tle 37, Code of Federal Regulations, § iling date of this application.  (Status: patented, pending, abandom (Status: patented, pending, abandom No. 46,663; William D. De Vaul Reg. 1; Dana Gordon, Reg. No. 44,719; Rot Kamholz, Reg. No. 48,543; Theresa Dlesen, Reg. No. 46,967; Kevin A. Oliv 2,376; Kingsley L. Taft, Reg. No. 43,9. No. 28,129 and Jennifer Zarutskie, Reg. Office connected therewith.	ed) No. bert A. er, Reg. 46; John eg. No. P-
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Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	<u> </u>
1 ost Office / touross: same	
nichele	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date: 1/30/07
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	
Danie	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	
	,
Full name of seventh joint inventor (given name, family name): Donald W. Kessler	•
run name of seventia joint inventor (given name, family name): Donato w. Kessier	D
Inventor's signature:	Date:
	Citizenship: U.S.
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
	Date:
Inventor's signature:	Citizenship: People's Republic of China
Post Office Address: same	Ciuzenship: People's Republic of China
Fost Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	Citizensiup. Feople's Republic of China
1 OST OTHER WORLDS 24HIC	
	·
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	Concombine Toopie a respudite of Citila

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20/488887.1

DECLARATION FOR PATENT APPLICATION	
at·	

Docket Number SPV-047.01

My residence, post office address and	citizenship are as stated below ne	xt to my name.	
I believe I am the original, first and so the subject matter which is claimed an			int inventor (if plural names are listed below) o
METHODS FO	OR THE STEREOSELECT	IVE SYNTHESIS OF SUBST	ITUTED PIPERIDINES
the specification of which (check one	)		
☐ is attached he ☐ was filed on applicable).		s Application Number <u>Number10/012</u>	,242, and was amended on Date (if
I hereby state that I have reviewed an referred to above.	d understand the contents of the ab	pove identified specification, including	the claims, as amended by any amendment
I acknowledge the duty to disclose in	formation, which is material to pat	entability as defined in Title 37, Code	of Federal Regulation, § 1.56.
			ation(s) for patent or inventor's certificate listed g date before that of the application on which
Prior Foreign Application(s)			Priority Claimed
			_ Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	_ Yes No
I hereby claim the benefit under Title	35, United States Code, § 119(e) o	of any United States Provisional appli	cation(s) listed below.
60/251,209	December 4, 2000		
(Application Number)	(Filing Date)		
60/275,600 (Application Number)	March 13, 2001 (Filing Date)		
which became available between the (Application Number)		and the national or PCT international	itle 37, Code of Federal Regulations, § 1.56 filing date of this application.  (Status: patented, pending, abandoned)
		······	
(Application Number)	(Filing Date)	)	(Status: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. 4 Greenberg, Reg. No. 44,133; Jennifer Kavanaugh, Reg. No. P-50356; David No. 42,049; Chinh H. Pham, Reg. No	8,584; Robert W. Gauthier, Reg. N K. Holmes, Reg. No. 46,778; Dav A. Lane, Reg. No. 39,261; W. Hu 39,329; Jeffrey M. Sears, Reg. N a, Reg. No. 43,221; Sharon Webb, e this application and to transact a	No. 35,153; Jason Gish, Reg. No. 42,5 rid Hyams, Reg. No. P-50947; Scott F Ligo Liepmann, Reg. No. 20,407; Jim o. 48,440; Philip C. Swain, Reg. No. Reg. No. 47,172; John L. Welch, Re Il business in the Patent and Tradema	Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. 32,376; Kingsley L. Taft, Reg. No. 43,946; John 3. No. 28,129 and Jennifer Zarutskie, Reg. No. 1
Address all correspondence to:	Customer Id No: 25181	,	
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170		
and further that these statements were	made with the knowledge that wi	llful false statements and the like so n	on information and belief are believed to be true nade are punishable by fine or imprisonment, or pardize the validity of the application or any
Full name of sole or first inventor (gi	ven name, family name): Brian M		
Inventor's signature:  Residence: 36 Royal Crest Drive #4,	Marlborough, MA	Da	e:izenship: U.S.
Post Office Address: same			

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: <u>U.S.</u>
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: <u>U.S.</u>
Post Office Address:	
Full name of fourth joint inventor (given name, family name):-James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	Date
Inventor's signature:	Date:Citizenship: U.S.
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: O.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	Date: 1/27/0 2
Inventor's signature: Michel 3 It Eyen  Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA-01752 41 LUAC CIRCLE	Citizenship: U.S.
Post Office Address: same MALUBUROUE H	
M4 01752	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	Date:
Inventor's signature:	Citizenship: People's Republic of China
Residence: 158 South Great Road, Lincoln, MA	Citizenship. Feople's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	Chizoship. Leopie s republic or China
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
· · · · · · · · · · · · · · · · · · ·	
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Residence: 13 Stillman Circle, Natick, MA 01760 Post Office Address: same	

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	DECLARATION	FOR PATENT APPLICATION	Docket Number SPV-047.0
As a below named inventor, I hereby	declare that:		
My residence, post office address and	d citizenship are as stated below	next to my name.	
I believe I am the original, first and s the subject matter which is claimed a		listed below) or an original, first and joint inverse the invention entitled:	ntor (if plural names are listed below) of
METHODS FO	OR THE STEREOSELEC	TIVE SYNTHESIS OF SUBSTITUTI	ED PIPERIDINES
the specification of which (check one	e)		
☐ is attached h ☑ was filed on applicable).		ntes Application Number <u>Number10/012,242</u> , an	nd was amended on Date(if
I hereby state that I have reviewed ar referred to above.	nd understand the contents of the	above identified specification, including the cla	ims, as amended by any amendment
I acknowledge the duty to disclose in	formation, which is material to p	patentability as defined in Title 37, Code of Federal	eral Regulation, § 1.56.
		Code, § 119(a)-(d) of any foreign application(s) nt or inventor's certificate having a filing date be	
Prior Foreign Application(s)			Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No
(Nulliber)	(Country)	(Day/Month) (ear rifed)	
(Number)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No
I hereby claim the benefit under Title	35, United States Code, § 119(e	e) of any United States Provisional application(s	) listed below.
60/251,209	December 4, 2000		
(Application Number)	(Filing Date)		
(Application Number)	March 13, 2001 (Filing Date)	<del>-</del>	
of the claims of this application is no Code, § 112, I acknowledge the duty	t disclosed in the prior United State to disclose information which is	f any United States application(s) listed below a ates application in the manner provided by the f material to patentability as defined in Title 37, on and the national or PCT international filing date.	irst paragraph of Title 35, United States Code of Federal Regulations, § 1.56
(Application Number)	(Filing Da	te) (S	tatus: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. 4 Greenberg, Reg. No. 44,133; Jennife Kavanaugh, Reg. No. P-50356; Davi No. 42,049; Chinh H. Pham, Reg. No. Quisel, Reg. No. 47,874; Anita Varm	8,584; Robert W. Gauthier, Reg. r K. Holmes, Reg. No. 46,778; D d A. Lane, Reg. No. 39,261; W. I b. 39,329; Jeffrey M. Sears, Reg. la, Reg. No. 43,221; Sharon Web	eg. No. 47,326; Stephen B. Deutsch, Reg. No. 4. No. 35,153; Jason Gish, Reg. No. 42,581; Dandavid Hyams, Reg. No. P-50947; Scott E. Kamhelugo Liepmann, Reg. No. 20,407; Jim Olesen, No. 48,440; Philip C. Swain, Reg. No. 32,376; bb, Reg. No. 47,172; John L. Welch, Reg. No. 26; all business in the Patent and Trademark Office	a Gordon, Reg. No. 44,719; Robert A. olz, Reg. No. 48,543; Theresa Reg. No. 46,967; Kevin A. Oliver, Reg. Kingsley L. Taft, Reg. No. 43,946; John 8,129 and Jennifer Zarutskie, Reg. No. P-
Address all telephone calls to Dana N	1. Gordon, Ph.D., J.D. at telepho	ne number (617) 832-1765.	
Address all correspondence to:	Customer Id No: 25181		
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170		
and further that these statements were	e made with the knowledge that v	e are true and that all statements made on inform willful false statements and the like so made are at such willful false statements may jeopardize t	punishable by fine or imprisonment, or
Full name of sole or first inventor (gi	ven name, family name): Brian		
Inventor's signature:  Residence: 36 Royal Crest Drive #4,	Marlborough, MA	Date: Citizenship	n: U.S.
2 227		- Chiconom	·

Additional inventors are being named separately numbered sheets attached hereto.

Post Office Address: same

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Inventor's signature:	Date:
Residence: 20 Oriental Street, Worcester, MA 01605	Citizenship: U.S.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of seventh joint inventor (given name, family name): Donald W. Kessler	
Inventor's signature: Oonald W. Teastel	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: U.S.
Post Office Address: same	Списывир. <u>О.Э.</u>
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Citizenship: People's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	

Docket Number SPV-047.01

As a below named inventor, I hereby declare that:

My residence, post office address an	· · · · · · · · · · · · · · · · · ·			
believe I am the original, first and s he subject matter which is claimed a			int inventor (if plural names are listed belo	w) of
METHODS F	OR THE STEREOSELECT	TIVE SYNTHESIS OF SUBST	ITUTED PIPERIDINES	
he specification of which (check on	e)			
☐ is attached l ☒ was filed on applicable).		es Application Number Number10/012	2,242, and was amended on Date (if	
hereby state that I have reviewed an eferred to above.	nd understand the contents of the a	bove identified specification, including	g the claims, as amended by any amendmen	ıt
acknowledge the duty to disclose in	nformation, which is material to pa	tentability as defined in Title 37, Code	of Federal Regulation, § 1.56.	
			ation(s) for patent or inventor's certificate I g date before that of the application on whi	
Prior Foreign Application(s)			Priority Claim	ed .
			Yes 🔲 1	lo
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Month/Year Filed)	Yes 🔲 ì	lo
•		of any United States Provisional appli	cation(s) listed below	
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(Application Number)	December 4, 2000 (Filing Date)	•		
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(Application Number)  hereby claim the benefit under Title of the claims of this application is no Code, § 112, I acknowledge the duty which became available between the (Application Number)  (Appli	(Filing Date) e 35, United States Code, § 120 of of disclosed in the prior United State to disclose information which is not effling date of the prior application  (Filing Date)  (Filing	es application in the manner provided naterial to patentability as defined in T and the national or PCT international and the national or PCT international	by the first paragraph of Title 35, United Stitle 37, Code of Federal Regulations, § 1.5 filing date of this application.  (Status: patented, pending, abandoned)  (Status: patented, pending, abandoned)  (Status: patented, pending, abandoned)  g. No. 46,663; William D. DeVaul Reg. No. 81; Dana Gordon, Reg. No. 44,719; Robert E. Kamholz, Reg. No. 48,543; Theresa Olesen, Reg. No. 46,967; Kevin A. Oliver, 32,376; Kingsley L. Taft, Reg. No. 43,946; g. No. 28,129 and Jennifer Zarutskie, Reg. rk Office connected therewith.	true;
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Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 373 Highland Avenue, Apt. 304, Somerville, MA 02144	Citizenship: U.S.
Post Office Address:	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: <u>U.S.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 20 Oriental Street, Worcester, MA 01605 Post Office Address: same	Ciuzeisiiip: <u>U.S.</u>
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
	Date:
Inventor's signature:	Citizenship: U.S.
Post Office Address: same	Citizensinp. <u>O.S.</u>
Full name of seventh joint inventor (given name, family name):	Date:Citizenship: <u>U.S.</u>
Full name of eighth joint inventor (given name, family name): Liming Shao Inventor's signature:	
Inventor's signature:	Date: 1/30/02
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	Date:
Inventor's signature:	Citizenship: People's Republic of China
Residence: 5 Aspen Road, Shrewsbury, MA 01565 Post Office Address: same	Citizensinp. Feaple's Republic of Citita
Full name of tenth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	
1 Oot Other radios. Same	

Docket Number SPV-047.01

•	l citizenship are as stated below r	ione to my number		
I believe I am the original, first and so the subject matter which is claimed as			est and joint inventor (if plural names are listed below	) of
METHODS FO	OR THE STEREOSELEC	TIVE SYNTHESIS OF S	SUBSTITUTED PIPERIDINES	
the specification of which (check one	)			
☐ is attached h ☑ was filed on applicable).		tes Application Number <u>Numb</u>	er10/012,242, and was amended on Date (if	
I hereby state that I have reviewed an referred to above.	d understand the contents of the	above identified specification,	including the claims, as amended by any amendment	
I acknowledge the duty to disclose in	formation, which is material to p	atentability as defined in Title	37, Code of Federal Regulation, § 1.56.	
I hereby claim foreign priority benefi below and have also identified below priority is claimed.	ts under Title 35, United States C any foreign application for pater	Code, § 119(a)-(d) of any foreignt or inventor's certificate having	on application(s) for patent or inventor's certificate lising a filing date before that of the application on which	ied
Prior Foreign Application(s)			Priority Claimed	l
			Yes	,
(Number)	(Country)	(Day/Month/Year File		
(Number)	(Country)	(Day/Month/Year File	Yes \[ \] No	,
I hereby claim the benefit under Title	• • • •	• •		
60/251,209	December 4, 2000	, <b>,</b>		
(Application Number)	(Filing Date)	-		
60/275,600	March 13, 2001		3	
(Application Number)  I hereby claim the benefit under Title of the claims of this application is not	(Filing Date) 35, United States Code, § 120 of disclosed in the prior United States	ates application in the manner p	(s) listed below and, insofar as the subject matter of e provided by the first paragraph of Title 35, United Sta	
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(Application Number)  I hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the  (Application Number)  (Application Number)  I hereby appoint Beth E. Arnold, Reg 42,483; Daniel P. Gaudet, Reg. No. 4 4,133; Jennifet Kavanaugh, Reg. No. P-50356; David No. 42,049; Chinh H. Pham, Reg. No. 47,874; Anita Varm 50558 as attorneys/agents to prosecut Address all telephone calls to Dana N Address all correspondence to:  I hereby declare that all statements mand further that these statements were both, under Section 1001 of Title 18 patent issued thereon.	(Filing Date)  35, United States Code, § 120 of the disclosed in the prior United States to disclose information which is filing date of the prior application (Filing Date)  (Filing Date	ates application in the manner production and the national or PCT intermete)  te)  te)  te)  te)  te)  te)  te)	provided by the first paragraph of Title 35, United Statined in Title 37, Code of Federal Regulations, § 1.56 mational filing date of this application.  (Status: patented, pending, abandoned)  (Status: patented, pending, abandoned)  (Status: patented, pending, abandoned)  atsch, Reg. No. 46,663; William D. DeVaul Reg. No. No. 42,581; Dana Gordon, Reg. No. 44,719; Robert A. 7; Scott E. Kamholz, Reg. No. 48,543; Theresa 107; Jim Olesen, Reg. No. 46,967; Kevin A. Oliver, R. Reg. No. 32,376; Kingsley L. Taft, Reg. No. 43,946; J. Yelch, Reg. No. 28,129 and Jennifer Zarutskie, Reg. No. Trademark Office connected therewith.	tes  A. eg. ohn o. P-

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Thomas D. Bannister	
Inventor's signature:	Date:
Residence: 112 Green Street, Northborough, MA	Citizenship: U.S.
Post Office Address:	
The state of the s	
Full name of third joint inventor (given name, family name): Gregory D. Cuny	Date:
Inventor's signature:	Citizenship: U.S.
	Citizensinp. O.o.
Post Office Address:	
	•
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Road, Concord, MA	Citizenship: U.S.
Post Office Address: same	
Fost Office Address: Same	
Full name of fifth joint inventor (given name, family name): Michelle L.R. Heffernan	
Full name of filth joint inventor (given hame, family hame). Wheneve E.R. Hereman	Date:
Inventor's signature:	Citizenship: U.S.
Residence: 20 Oriental Street, Worcester, MA 01003	Citizensiup. O.O.
Post Office Address: same	
Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
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Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: U.S.
Post Office Address: same	
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Fost Office Address. Same	
To the Control of the	Danes
Full name of ninth joint inventor (given name, family name): Xinhe Wu	Date: 2002
Inventor's signature: Limb UL	Citizenship: People's Republic of China
Residence: 5 Aspen Road, Shrewsbury, MA 01565	Chizenship. Feople's Republic of China
Post Office Address: same	
Full name of tenth joint inventor (given name, family name): Roger L. Xie	Date:
Inventor's signature:	Citizenship: People's Republic of China
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: reopie's Republic of China
Post Office Address: same	

•	( )	<b>(</b> )	
	DECLARATION F	OR PATENT APPLICATION	Docket Number SPV-047.01
As a below named inventor, I hereby	declare that:		
My residence, post office address an	d citizenship are as stated below ne	xt to my name.	
I believe I am the original, first and s the subject matter which is claimed a		sted below) or an original, first and joint inver the invention entitled:	ntor (if plural names are listed below) of
METHODS F	OR THE STEREOSELECT	IVE SYNTHESIS OF SUBSTITUTE	ED PIPERIDINES
the specification of which (check one	e)		
☐ is attached h ☑ was filed on applicable).		s Application Number <u>Number 10/012,242</u> , an	d was amended on Date (if
I hereby state that I have reviewed as referred to above.	nd understand the contents of the ab	ove identified specification, including the cla	ims, as amended by any amendment
I acknowledge the duty to disclose in	nformation, which is material to pat	entability as defined in Title 37, Code of Fede	eral Regulation, § 1.56.
I hereby claim foreign priority benef below and have also identified below priority is claimed.	its under Title 35, United States Co vany foreign application for patent	de, § 119(a)-(d) of any foreign application(s) or inventor's certificate having a filing date be	for patent or inventor's certificate listed efore that of the application on which
Prior Foreign Application(s)			Priority Claimed
·			☐ Yes ☐ No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No
•	•	of any United States Provisional application(s)	) listed below.
60/251,209	December 4, 2000		,
(Application Number)	(Filing Date)		
60/275,600 (Application Number)	March 13, 2001 (Filing Date)		
of the claims of this application is no Code, § 112, I acknowledge the duty	t disclosed in the prior United State to disclose information which is m	any United States application(s) listed below a es application in the manner provided by the fi aterial to patentability as defined in Title 37, of and the national or PCT international filing da	irst paragraph of Title 35, United States Code of Federal Regulations, § 1.56
(Application Number)	(Filing Date)	(S	tatus: patented, pending, abandoned)
(Application Number)	(Filing Date)	) (S	tatus: patented, pending, abandoned)
42,483; Daniel P. Gaudet, Reg. No. Greenberg, Reg. No. 44,133; Jennife Kavanaugh, Reg. No. P-50356; Davi No. 42,049; Chinh H. Pham, Reg. No. 47,874; Anita Varn	48,584; Robert W. Gauthier, Reg. Nor K. Holmes, Reg. No. 46,778; David A. Lane, Reg. No. 39,261; W. Hoo. 39,329; Jeffrey M. Sears, Reg. Nora, Reg. Reg. Nora, Reg. Nora, Reg. Reg. Nora, Reg. Reg. Nora, Reg. Reg. Reg. Reg. Reg. Reg. Reg. Reg.	No. 47,326; Stephen B. Deutsch, Reg. No. 46 Io. 35,153; Jason Gish, Reg. No. 42,581; Dandrid Hyams, Reg. No. P-50947; Scott E. Kamholgo Liepman, Reg. No. 20,407; Jim Olesen, Jo. 48,440; Philip C. Swain, Reg. No. 32,376; Reg. No. 47,172; John L. Welch, Reg. No. 28 Il business in the Patent and Trademark Office	a Gordon, Reg. No. 44,719; Robert A. olz, Reg. No. 48,543; Theresa Reg. No. 46,967; Kevin A. Oliver, Reg. Kingsley L. Taft, Reg. No. 43,946; John 8,129 and Jennifer Zarutskie, Reg. No. P-
Address all telephone calls to Dana l	M. Gordon, Ph.D., J.D. at telephone	number (617) 832-1765.	
Address all correspondence to:	Customer Id No: 25181		
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170		
and further that these statements wer	e made with the knowledge that wi	are true and that all statements made on inform Ilful false statements and the like so made are such willful false statements may jeopardize t	punishable by fine or imprisonment, or

Additional inventors are being named separately numbered sheets attached hereto.

Date: \_

Citizenship: U.S.

patent issued thereon.

Inventor's signature:

Post Office Address: same

Full name of sole or first inventor (given name, family name): Brian M. Aquila

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Full name of second joint inventor (given name, family name): Thomas D. Bannister	
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Full name of fourth joint inventor (given name, family name): James R. Hauske	
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Post Office Address: same	
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Inventor's signature:	Date:
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Full name of sixth joint inventor (given name, family name): Michael Z. Hoemann	
Inventor's signature:	Date:
Residence: 23 Royal Crest Drive, Apt. #3, Marlborough, MA 01752	Citizenship: U.S.
Post Office Address: same	
Full name of seventh joint inventor (given name, family name):	
Inventor's signature:	Date:
Residence: 53 Throne Hill Road, Groton, MA 01450	Citizenship: U.S.
Post Office Address: same	Citizensinp. O.o.
Full name of eighth joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of ninth joint inventor (given name, family name): Xinhe Wu	
Inventor's signature:	Date:
Residence: 5 Aspen Road, Shrewsbury, MA 01565 Post Office Address: same	Citizenship: People's Republic of China
Full name of tenth joint inventoring iven name, family name): Roger L. Xie  Inventor's signature:	
Function of the first inventoring year name, family name): Koger L. Ale	Date: 01-24-2002
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address: same	Citizensiup. 1 copie s republic of Citita
rust Office Address. Sallic	